

CLINICAL **OUTCOMES ASSESSMENT** PROGRAM
A PROGRAM OF THE FOUNDATION FOR HEALTH CARE QUALITY

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COAP IN 2009



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COAP Sites With Surgical Backup

Central Washington Hospital
Southwest Washington Med. Ctr.
Deaconess Medical Center
St. Joseph Hospital, Bellingham
Harrison Medical Center
St. Joseph Medical Ctr., Tacoma
Kadlec Medical Center
Swedish Health Services
Northwest Hospital
Tacoma General Hospital
Overlake Hospital Medical Ctr.
University of Washington Med. Ctr.
Providence Everett Med. Ctr.
Veterans Affairs Medical Center
Providence St. Peter Med. Ctr.
Virginia Mason Medical Center
Sacred Heart Medical Ctr.
Yakima Regional Med. & Heart Ctr.
Madigan Army Medical Center

COAP Sites Without Surgical Backup

Auburn General Hospital
Holy Family Hospital
Capital Medical Center
Skagit Valley Hospital
Evergreen Hospital
St. Francis Hospital
Good Samaritan Hospital
Stevens Healthcare
Harborview Medical Center
Valley Medical Center
Highline Medical Center
Yakima Valley Memorial

COAP Management Committee

Braden Batkoff, MD
David Dreis, MD
Richard Goss, MD
Geoff Harms, MD
Gil Johnston, MD
Nahush Mokadam, MD

Richard Phillips, MD
Mark Reisman, MD
Michael Ring, MD
Mandya Vishwanath, MD
Richard Whitten, MD

Special Advisors

Terry Rogers, MD (FHCQ)
Nancy Fisher, MD, MPH (HCA)
Jeff Thompson, MD (MAA)
Daniel Fishbein, MD (ACC)
Kristin Peterson, JD

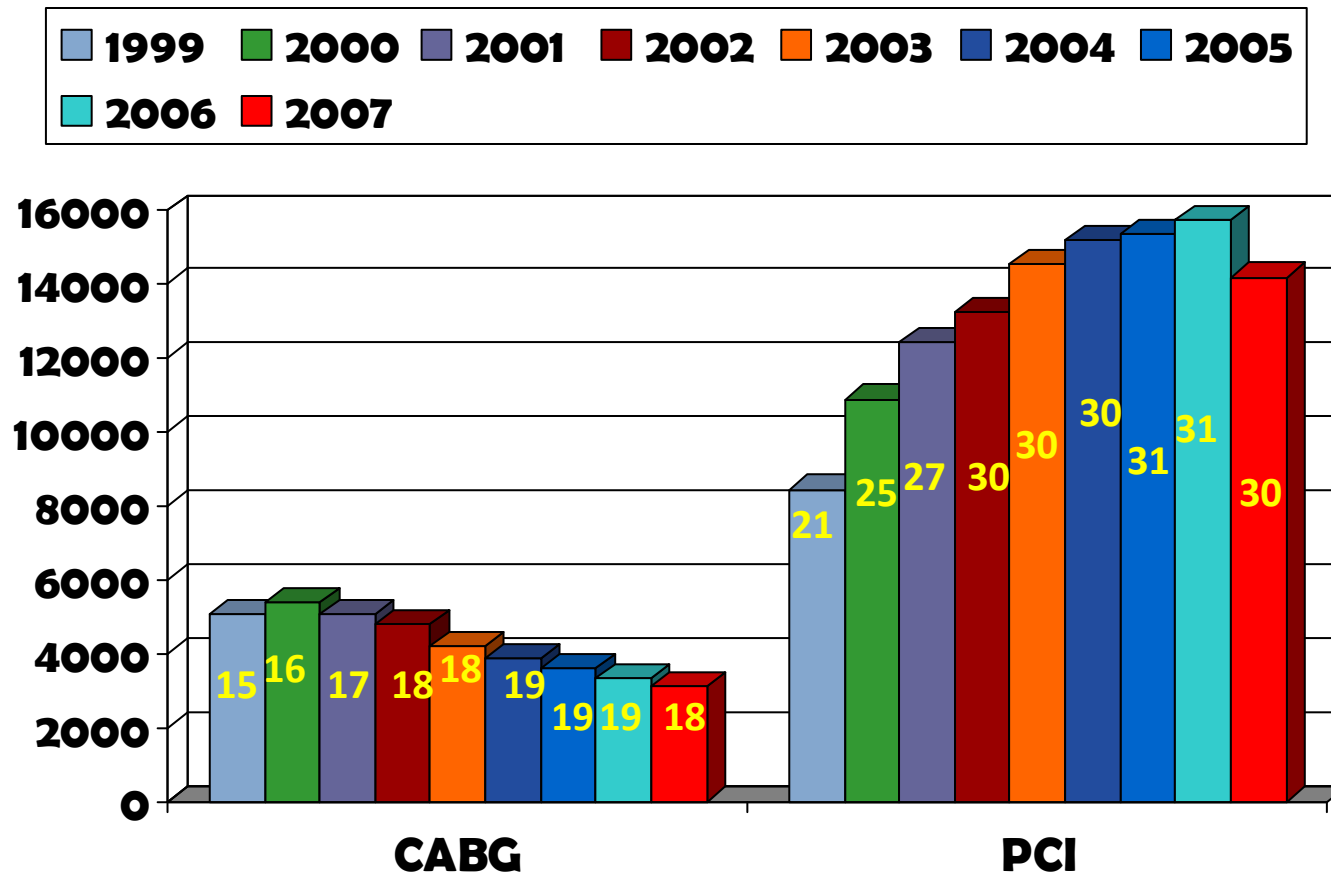
COAP Staff

Mary Gregg, MD, MHA, Medical Director
Charles Maynard, PhD, Statistician
Kristin Sitcov, Program Director
Michael Taylor, Administration
ARMUS Corporation, Data Analysis

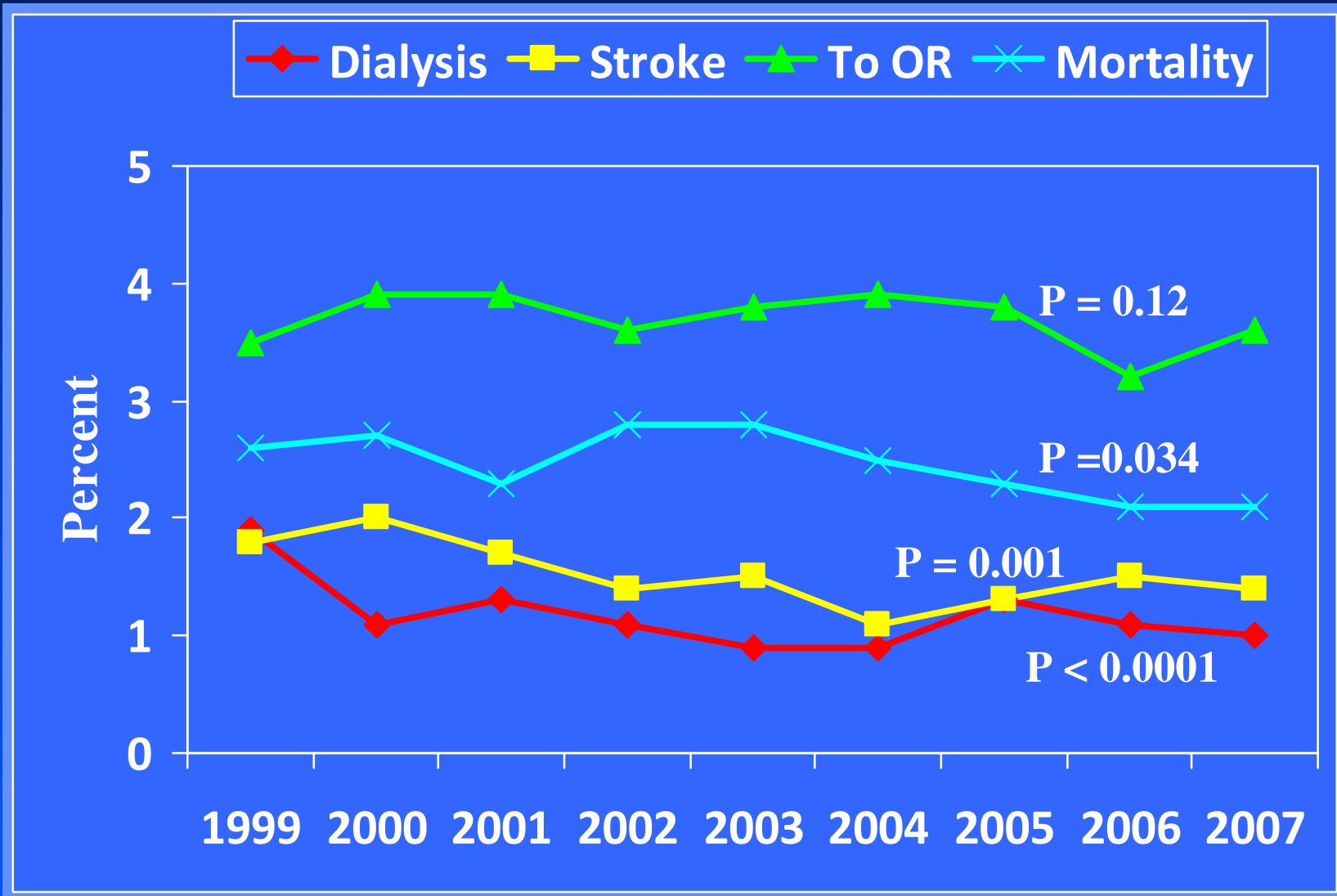


Trends in Volume and Outcomes

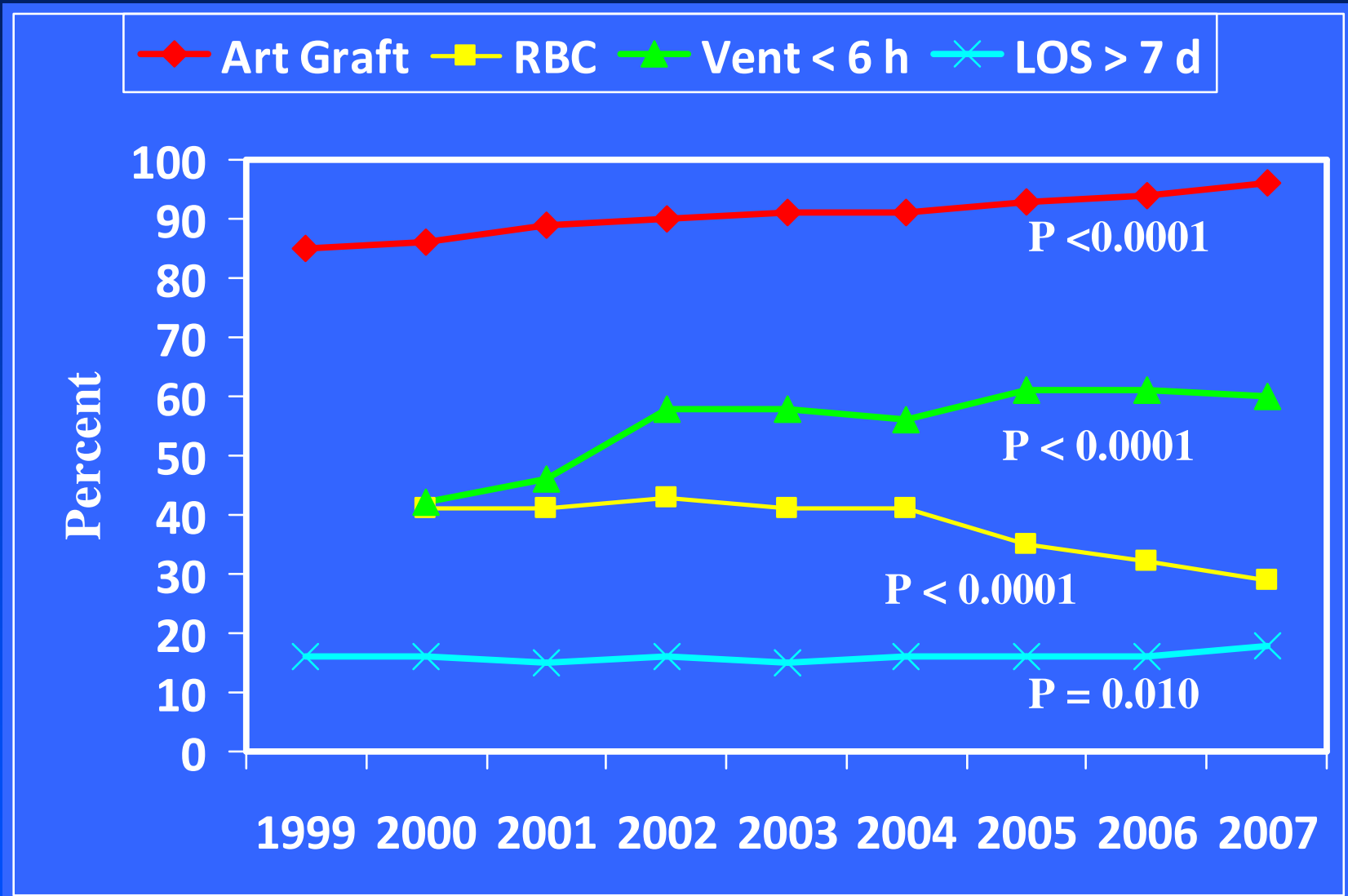
Submitted Cases



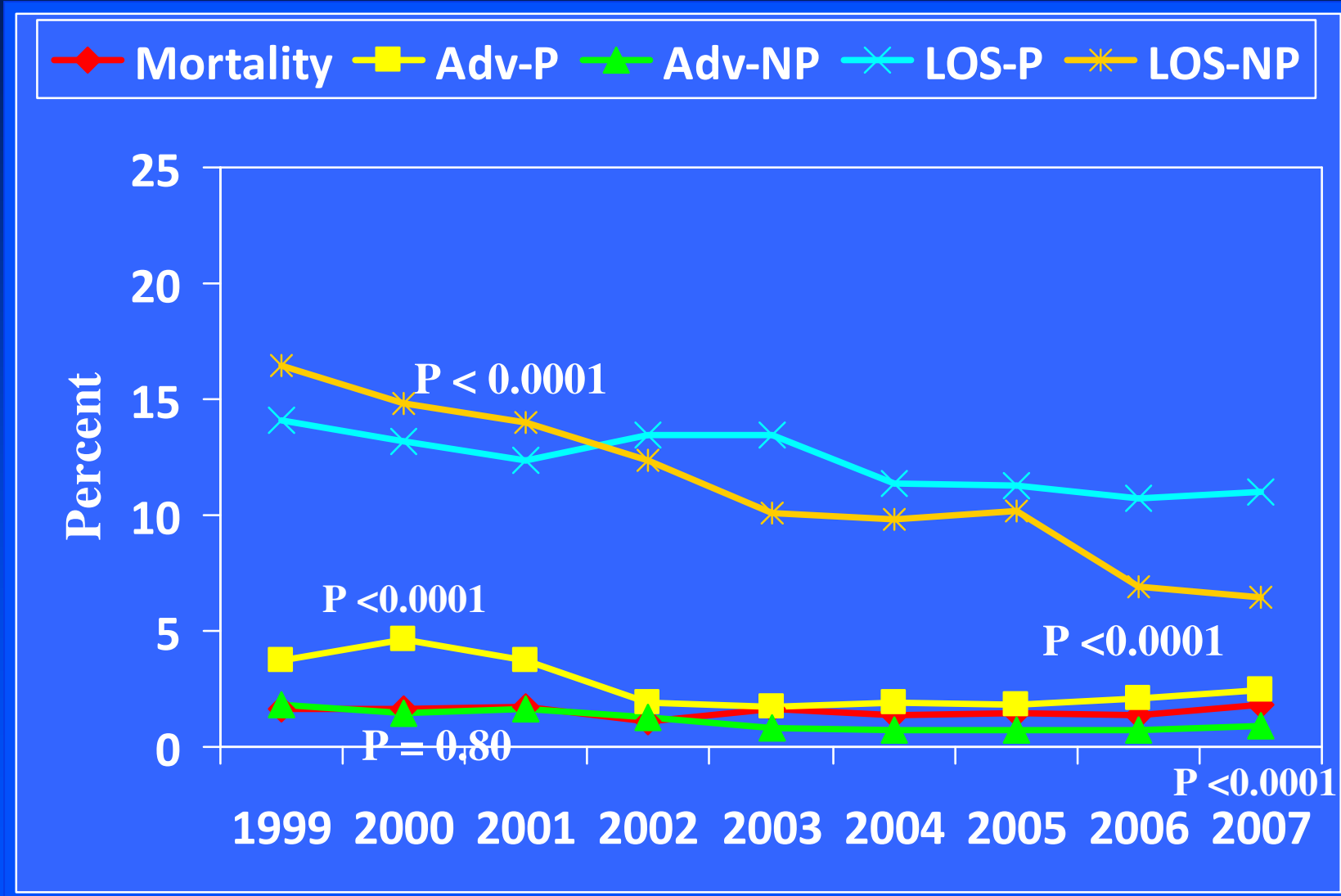
CABG Trends



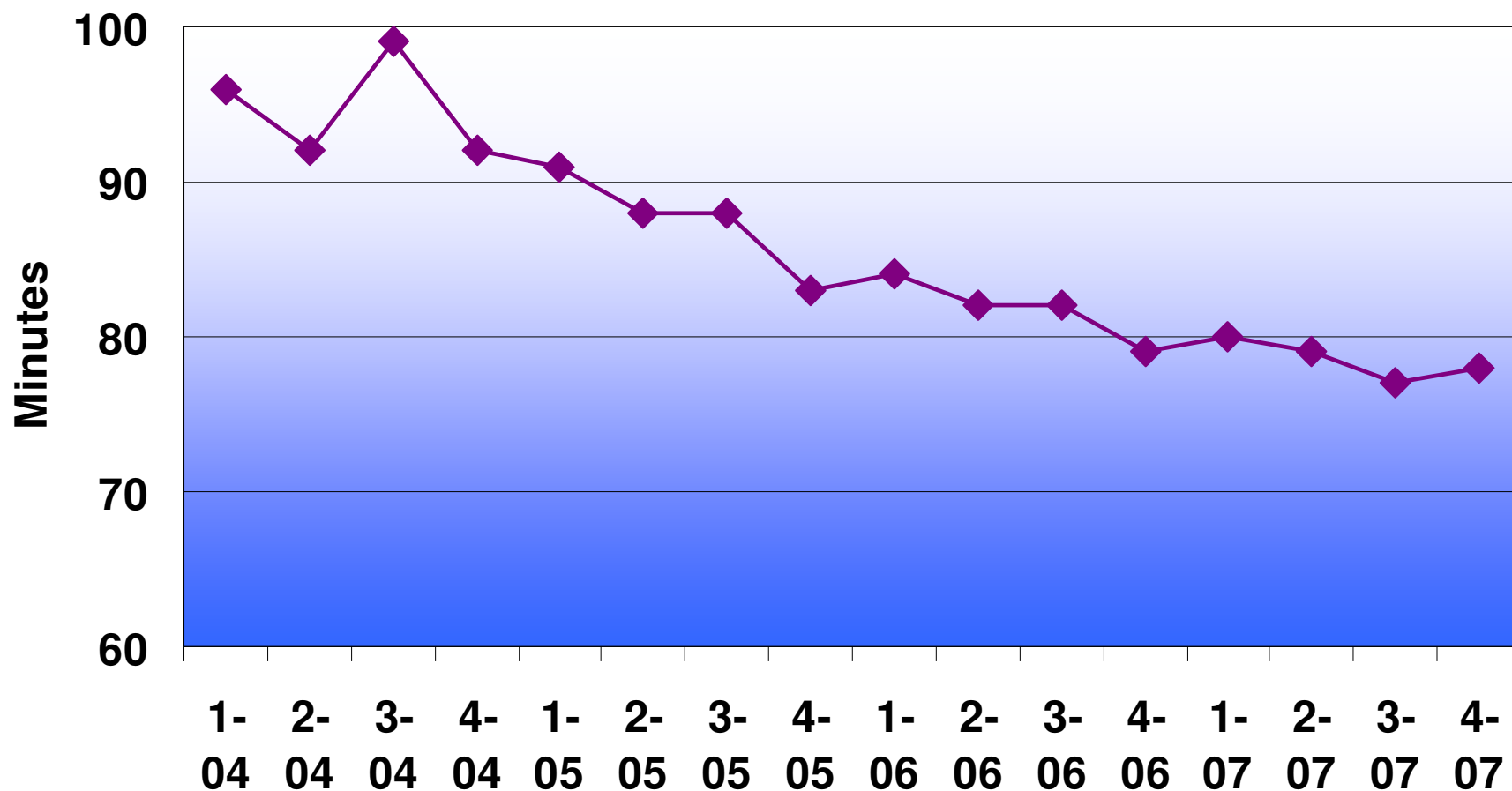
CABG Trends



PCI Trends



PCI Trends 2004-2007: Median Time to Inflation





COAP Highlights, 2008

- ▲ **Improvement in quality outcomes**
- ▲ **All hospitals in full compliance with COAP quality standards**
- ▲ **Successful harmonization of data definitions & collection with STS**
- ▲ **Data analysis transition to ARMUS Corporation**



COAP Highlights, 2008

- ▲ On-site audits of hospitals to confirm data validation
- ▲ Madigan Army Medical Center joined COAP voluntarily in October
- ▲ Involved in the stakeholders committee for Non-Emergent PCI Certificate of Need
- ▲ Involved in the WA State Emergency Cardiac & Stroke System of Care Technical Advisory Committee
- ▲ ***100% participation in Internal Disclosure***

The First Step: Internal Disclosure

- ▲ Since 1999, COAP data has been completely blinded
- ▲ February 2008 – member web conference with 75% agreeing to internal identification
- ▲ May 2008 – 100% of COAP hospitals agree to be internal disclosure
 - 2007 Risk-Adjusted Clinical Dashboards released with all hospitals identified
 - COAP Annual Statewide Meeting features un-blinded data

The Now Step: Public Release

- ▲ **November 2008 – COAP Management Committee authorizes the formation of a public release task force to develop and implement a plan for public disclosure of hospital identified COAP data**
 - ▲ **December 2008 – first task force meeting**
 - ▲ **January 2009 – second task force meeting; approval by COAP Management Committee to send format & implementation plan to the hospitals**
 - ▲ **February 2009 – distribution of format and implementation plan; hospitals have the choice to “opt out” and be listed as not disclosing data at this time.**
- *Expect data to be posted on the COAP website by the end of this month.***

| Symbols Key: | PCI Metrics | | CABG Metrics | | | | | | |
|--|--------------------|------------------------|---------------------|---------------------|---------------|-------------|-------------------|----------------------|-----------------------|
| <ul style="list-style-type: none"> Hospital results for 2007 are within the range of the statewide average for that metric Hospital results for 2007 are statistically better than the statewide average for that metric Hospital results for 2007 are statistically not as good as the statewide average for that metric No data is yet available for this hospital n/a Hospital does not perform cardiac surgery, only PCI Hospital is not releasing their data | 1 PCI Mortality | 2 Door-Balloon Time | 1 CABG Mortality | 2 Arterial Graft | 3 Dialysis | 4 Stroke | 5 Return to OR | 6 Red Blood Cells | 7 Ventilation Time |
| Hospitals Participating in COAP | | | | | | | | | |
| Hospital Name, City | | | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Hospital Name, City | | | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Hospital Name, City | | | | | | | | | |
| Hospital Name, City | | | | | | | | | |
| Hospital Name, City | | | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Hospital Name, City | | | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Hospital Name, City | | | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Hospital Name, City | | | | | | | | | |
| Hospital Name, City | | | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
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| Hospital Name, City | | | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
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| Hospital Name, City | | | | | | | | | |
| Hospital Name, City | | | n/a | n/a | n/a | n/a | n/a | n/a | n/a |

The Next Step: New Uses for COAP Data and Possibilities in 2009

- ▲ **Currently assisting with the Health Technology Assessment (HTA) program looking at cardiac stents**
- ▲ **Continue working with Puget Sound Health Alliance to promote publicly available data**
- ▲ **Assist state non-emergent PCI CON process by providing data on hospital and provider volume**
- ▲ **Working with EMS to gather and analyze additional data points**

The Next Step: New Uses for COAP Data and Possibilities in 2009

- ▲ **Work with the statewide Emergency Cardiac & Stroke System of Care TAC and regional groups (North Puget Sound Cardiac Level I) to bring various data bases together to demonstrate impact**
- ▲ **Merge COAP PCI and Cardiac Surgery data to examine continuum of care issues**
- ▲ **Merge financial data with COAP data base to examine cost of care issues**
- ▲ **Partner with efforts in other states (Virginia) to examine research possibilities**



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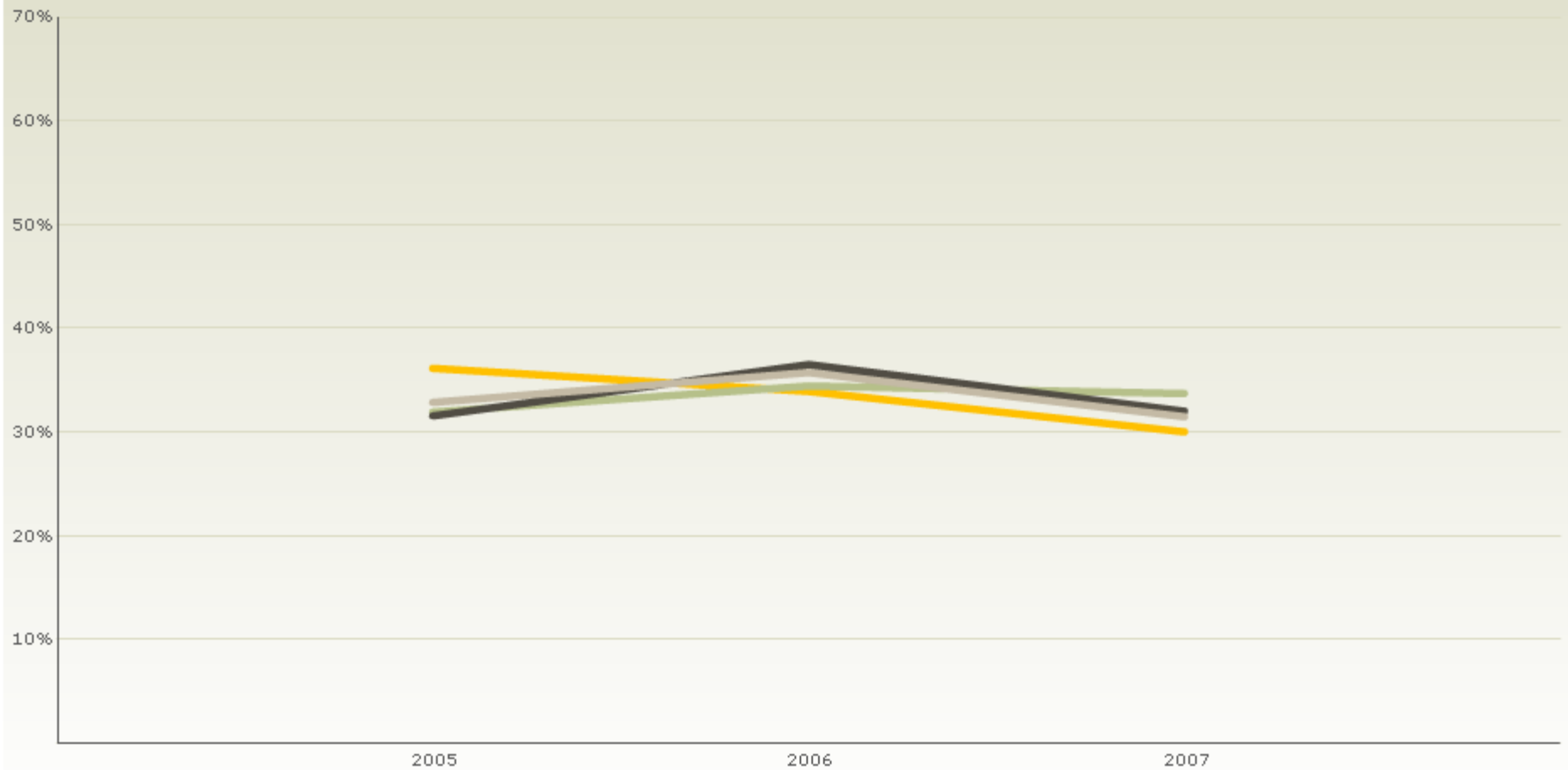
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Percentage of Cases, Intra and Post Op Blood Product Use by Hospitals

CAB Only Cases, 2005 -2007

● Total Cases ● Intra Op ● Post Op ● Intra or Post Op



Questions??